

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 37365 | (print\$4 or record\$4) and (test\$4 or pattern or check\$5 or patch\$4) and (edge\$1 with (trail\$4 or lead\$4)) and (sens\$4 or detect\$4 or read\$4)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/08 10:56 |
| L2    | 3296  | 1 and ((print\$4 or record\$4) with (test\$4 or pattern or check\$5 or patch\$4) and ((edge\$1 with (trail\$4 or lead\$4)) same (sens\$4 or detect\$4 or read\$4)) and (scan\$4))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/08 11:46 |
| L3    | 1824  | 2 and ((print\$4 or record\$4) with (test\$4 or pattern or check\$5 or patch\$4) and ((edge\$1 with (trail\$4 or lead\$4)) same (sens\$4 or detect\$4 or read\$4)) and (scan\$4) and (align\$4 or misalign\$4))                | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/08 10:59 |
| L4    | 957   | 3 and ((print\$4 or record\$4) with (test\$4 or pattern or check\$5 or patch\$4) and ((edge\$1 with (trail\$4 or lead\$4)) same (sens\$4 or detect\$4 or read\$4)) and (scan\$4) and (align\$4 or misalign\$4) and density     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/08 10:59 |
| L5    | 57    | 4 and ((print\$4 or record\$4) with (test\$4 or pattern or check\$5 or patch\$4) and (((edge\$1 with (trail\$4 or lead\$4)) same density) same (sens\$4 or detect\$4 or read\$4)) and (scan\$4) and (align\$4 or misalign\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/08 11:00 |
| L6    | 16    | 5 and "347"/\$.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/08 11:08 |
| L7    | 41    | 5 not 6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/08 11:08 |
| L8    | 900   | 4 not 5  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/08 11:08 |
| L9    | 149   | 8 and "347"/\$.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/08 11:08 |

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| L10 | 20  | 9 and "347"/19.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/08 11:08 |
| L11 | 2   | ("4827351"   "5321526").PN. OR ("6409301").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/08 11:20 |
| L12 | 16  | ("4675696"   "5404020"   "5600350").PN. OR ("6084607").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/08 11:24 |
| L13 | 129 | 9 not 10   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/08 11:24 |
| L14 | 93  | 13 and (middle or interven\$4 or center)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/08 11:25 |
| L15 | 7   | 14 and ((middle or interven\$4 or center) same density)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/08 11:26 |
| L16 | 86  | 14 not 15  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/08 11:26 |
| L17 | 24  | 16 and ((calculat\$4 or estimat\$4) same (error\$1 or misalign\$4 or differen\$4))   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/08 11:32 |
| L18 | 62  | 16 not 17  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/08 11:38 |
| L19 | 751 | 8 not 9  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/08 11:38 |
| L20 | 817 | "347"/\$.ccls. and (edge\$1 with (density))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/08 11:47 |
| L21 | 24  | ("4313124"   "4345262"   "4459600"   "4463359"   "4516135"   "4540991"   "4558333"   "4673303"   "4723129"   "4740796"   "4769696"   "4851923"   "4872024"   "4872027"   "4959669"   "5038208"   "5049898"   "5278459"   "5285220"   "5530460"   "5736996").PN. OR ("6247780").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/10/08 12:30 |